



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/583,650

06/20/2006

Denis Sergeevich Milov

P22634

3743

59796

7590

02/22/2010

INTEL CORPORATION

c/o CPA Global

P.O. BOX 52050

MINNEAPOLIS, MN 55402

EXAMINER

QUADER, FAZLUL

ART UNIT

PAPER NUMBER

2164

MAIL DATE

DELIVERY MODE

02/22/2010

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/583,650	Applicant(s) MILOV, DENIS SERGEEVICH	
	Examiner FAZLUL QUADER	Art Unit 2164	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 June 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 February 2009 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-25 are pending in this application.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-25 of the current application (effective filing date: Nov. 11, 2005) are rejected under 35 U.S.C. 103(a) as being unpatentable over Steinberg et al. (US 20060203107, filing date: June 26, 2003), hereinafter "Steinberg" in view of Kuth (US 20040078758, pub. date: Apr. 22, 2004).

4. As for claims 1, 10 and 18 Steinberg discloses searching hypotheses for locations of objects in a playback image corresponding to a recorded image generated by a graphical user interface (GUI) of an application program comprising:

capturing the playback image (Steinberg: [0149], acquisition of playback image);

detecting at least one active object in the recorded image (Steinberg: detection of image);

searching subsets of hypotheses from the playback image for an object according to predetermined criteria (Steinburg: [0165], using predetermined criteria; [0193], using predefined criteria);

recalculating old actions for the object in the playback image by applying actions according to an execution scenario and loading a next set of data, when the object is found (Steinberg: iteratively calculating image parameters); and

Although, Steinberg discloses calculating relative size and location of image objects (Steinberg: [0165]), Steinberg, however, does not explicitly disclose checking of dynamic conditions.

Kuth, however, discloses checking of dynamic conditions or parameters (Kuth: [0027], parameters for the dynamic variation of the image data).

Both Kuth and Steinberg are of the same field of endeavor, they specifically teach processing image data (Kuth: [0027]; Steinberg: abstract).

It would have been obvious to one of the ordinary skill in the art at the time of applicant's invention to incorporate the teachings of Kuth into Steinberg, that would have allowed users of Steinberg to have a useful method, to a method for producing a documented medical image information and for storing the documented medical image information for transmission from a first to a second location (Kuth: [0001]).

5. As for claim 2, Steinberg discloses the method of claim 1, further comprising repeating the capturing, detecting, searching, recalculating, and checking for each of a series of both of the playback and recorded images according to the execution scenario (Steinberg: [0149], precapture of series of playback images).

6. As for claims 3, 11 and 19, Steinberg discloses wherein searching comprises performing a first search using the predetermined criteria of content and layout ([0165], detection of image by predetermined size and location of the content).

7. As for claims 4, 12, 20, Steinberg discloses wherein searching comprises performing a first search using the predetermined criteria of size and distance ([0165], detection of image by predetermined size and location of the content; [0189], searching image objects by distance calculation).

.

8. As for claims 5, 13 and 21, Steinberg discloses wherein searching comprises performing a second search using the predetermined criteria of content and sizes of

Art Unit: 2164

objects ([0165], detection of image by predetermined size and location of the content; [0189], searching image objects by distance calculation).

9. As for claims 6, 14 and 21, Steinberg discloses searching comprises performing a second search using the predetermined criteria of layout and distances ([0165], detection of image by predetermined size and location of the content; [0189], searching image objects by distance calculation).

10. As for claims 7, 15 and 23, Steinberg discloses searching comprises performing a third search using the predetermined criteria of content and sizes of additional objects, and layout distances ([0165], detection of image by predetermined size and location of the content; [0189], searching image objects by distance calculation; [0197], calculating parameters for additional objects).

11. As for claims 8, 16 and 24, Steinberg discloses searching comprises performing a third search using the predetermined criteria of sizes of active objects and distances ([0165], detection of image by predetermined size and location of the content; [0189], searching image objects by distance calculation).

12. As for claims 9, 17 and 25, Steinberg discloses searching comprises performing a third search using the predetermined criteria of content for active objects (search

Art Unit: 2164

based on predetermined criteria for active image objects).

Prior Art of Record

13. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Renkis (US 20060064477) Mesh networked video and sensor surveillance system.

Contact Information

14. Any inquiry concerning this communication or earlier communications from the examiner should be directed to FAZLUL QUADER whose telephone number is (571)270-1905. The examiner can normally be reached on M-F 8-5 Alternate Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Rones can be reached on 571-272-4085. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2164

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

FAZLUL QUADER
Examiner
Art Unit 2164

/FQ/

/Charles Rones/
Supervisory Patent Examiner, Art Unit 2164